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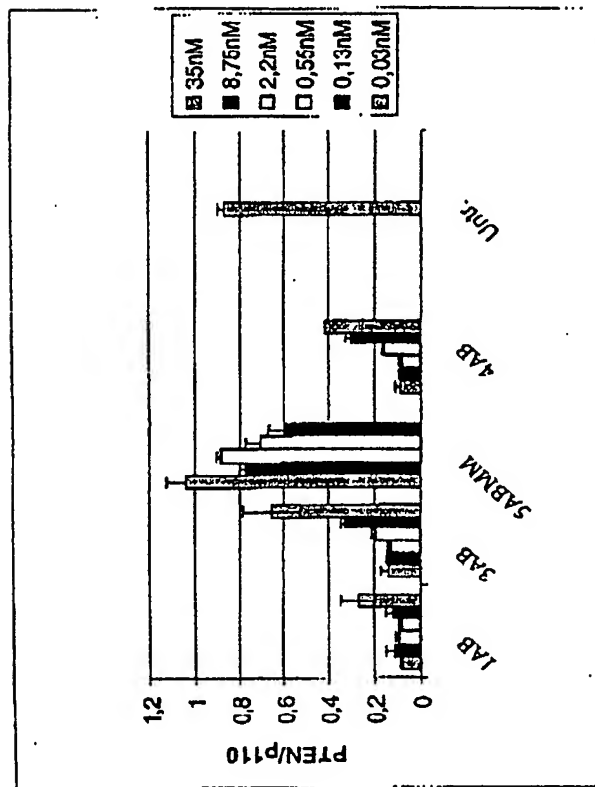
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Atty. Dkt. No. 39078-0005
Title: INTERFERING RNA
MOLECULES
Inventor: Klaus GIESE
Filed: August 5, 2003

Fig.3



3A

ONLY RNA WITH 2 DEOXY AT EACH END
1A 5'- cuccuuguuucugcuaacg-tt ①
1B 3'-tt-gagaaacacagacgauugc ②

ONLY RNA WITH NH2 GROUPS AT EACH 3' END AND 2 DEOXY
1A 5'- cuccuuguuucugcuaacg-tt-nh2 ③
1B 3'-nh2-tt-gagaaacacagacgauugc ④

ONLY RNA WITH INVERTED AASAC AND 2 TT
4. 16153-1B (1B at the 3' ends)
4A 5'- cuccuuguuucugcuaacg-tt-1b ⑤
4B 3'-1b-tt-gagaaacacagacgauugc ⑥

ONLY RNA WITH 2 DEOXY AT EACH END
5ABM 5'- cuccuuguuucugcuaacg-tt ⑦
5BM 3'-tt-gagaaacacagacgauugc ⑧

3B

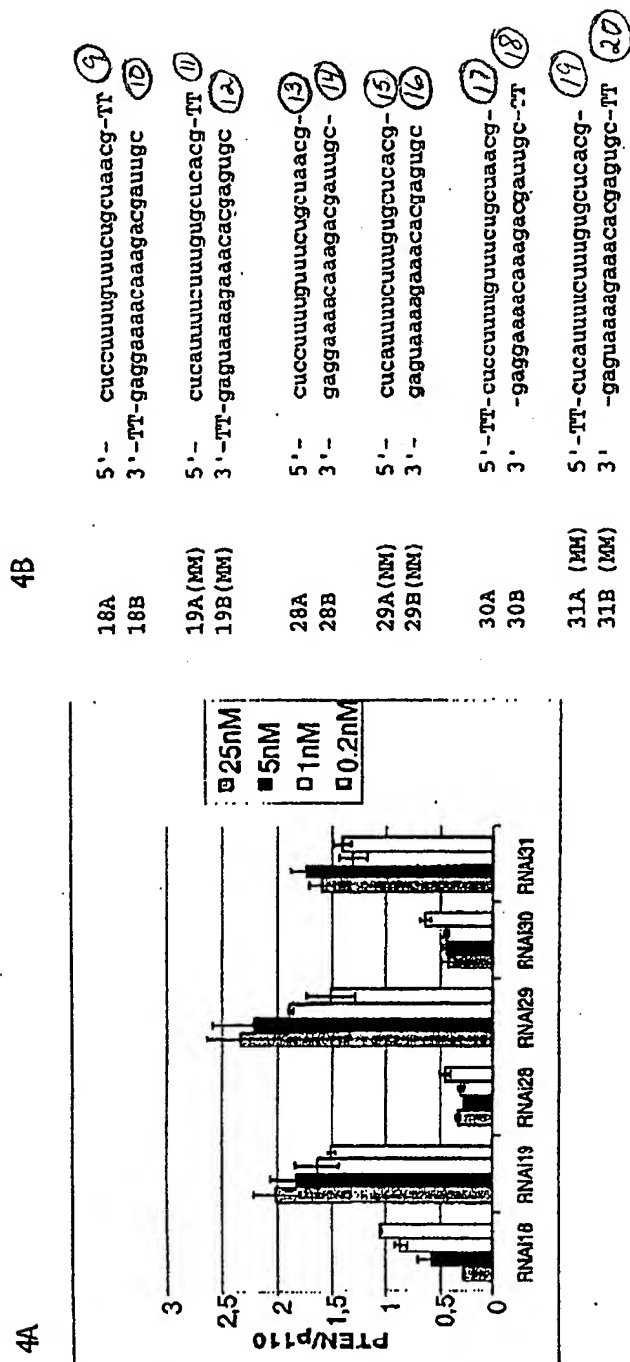
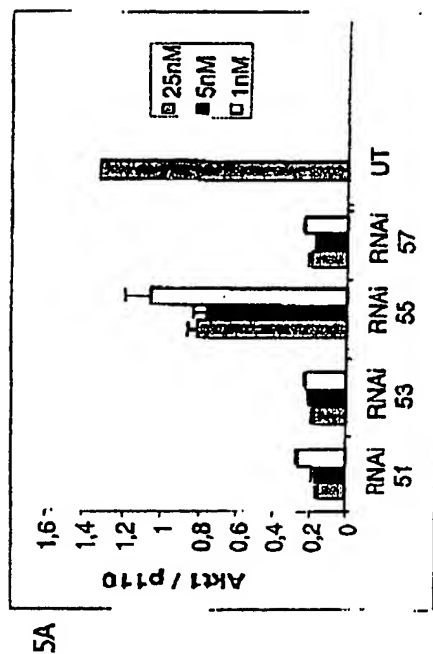


Fig. 4

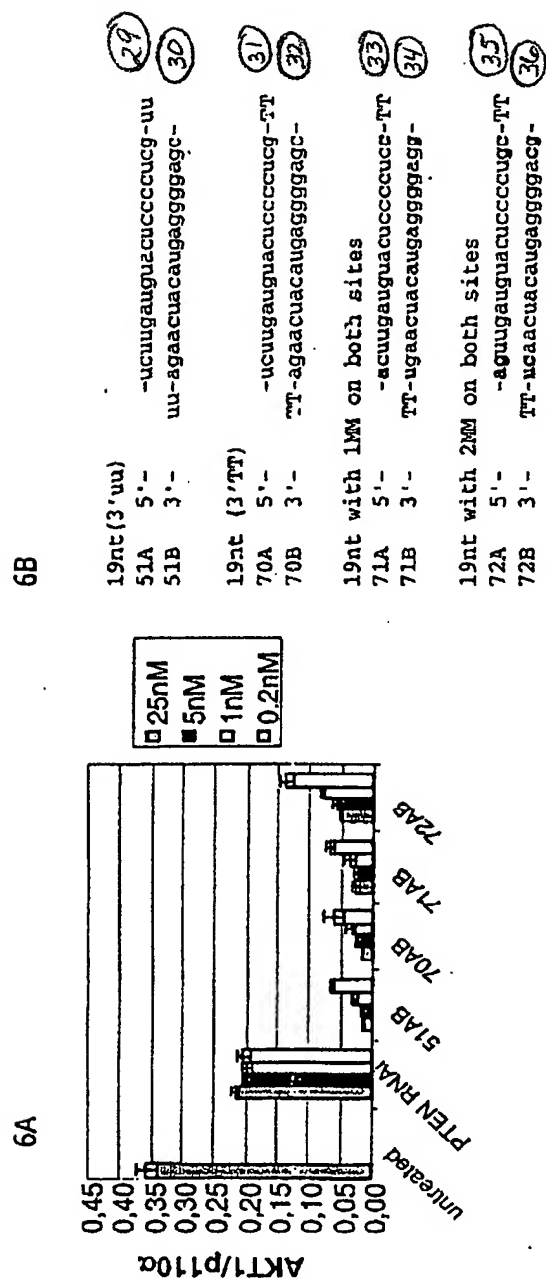
Fig. 5



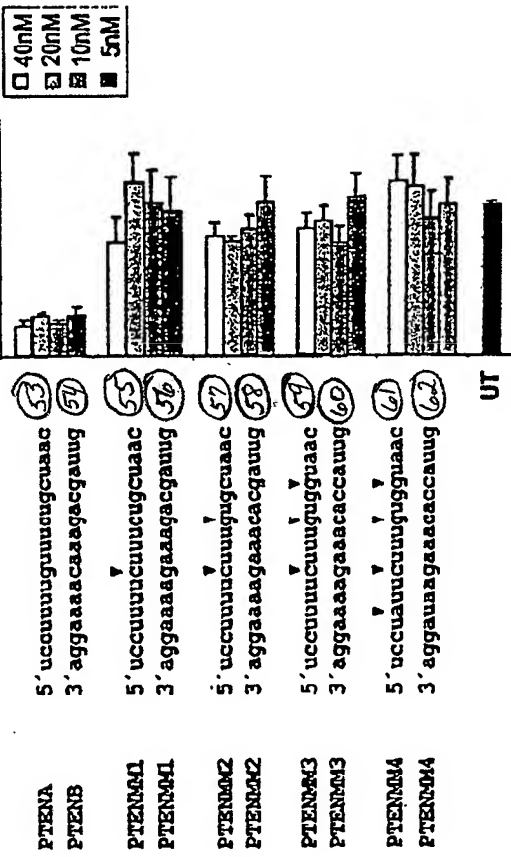
5B

51A	5'-	-ucuuugauguacuuccucug-uu	(21)	19nt 3',uu
51B	3'-	uu-agaacuacaugagggagc-	(22)	
53A	5'-	-ucuuugauguacuuccucug-uu	(23)	19nt 3',seq.-specific RNA
53B	3'-	cc-agaacuacaugagggagc-	(24)	
55A	5'-	-cuugauguacuuccucuc-gu	(25)	17nt 3',seq.-specific RNA
55B	3'-	ca-gacuacaugagggag-	(26)	
57A	5'-	-ucuuugauguacuuccucug-uu	(27)	19nt 3',seq.-specific DNA
57B	3'-	cc-agaacuacaugagggagc-	(28)	

Fig. 6



B



C

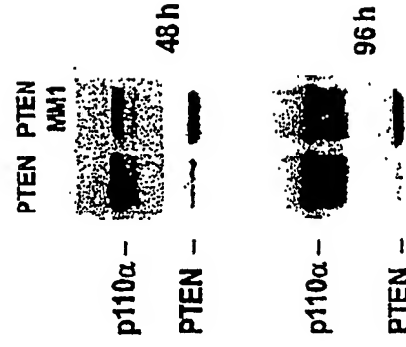
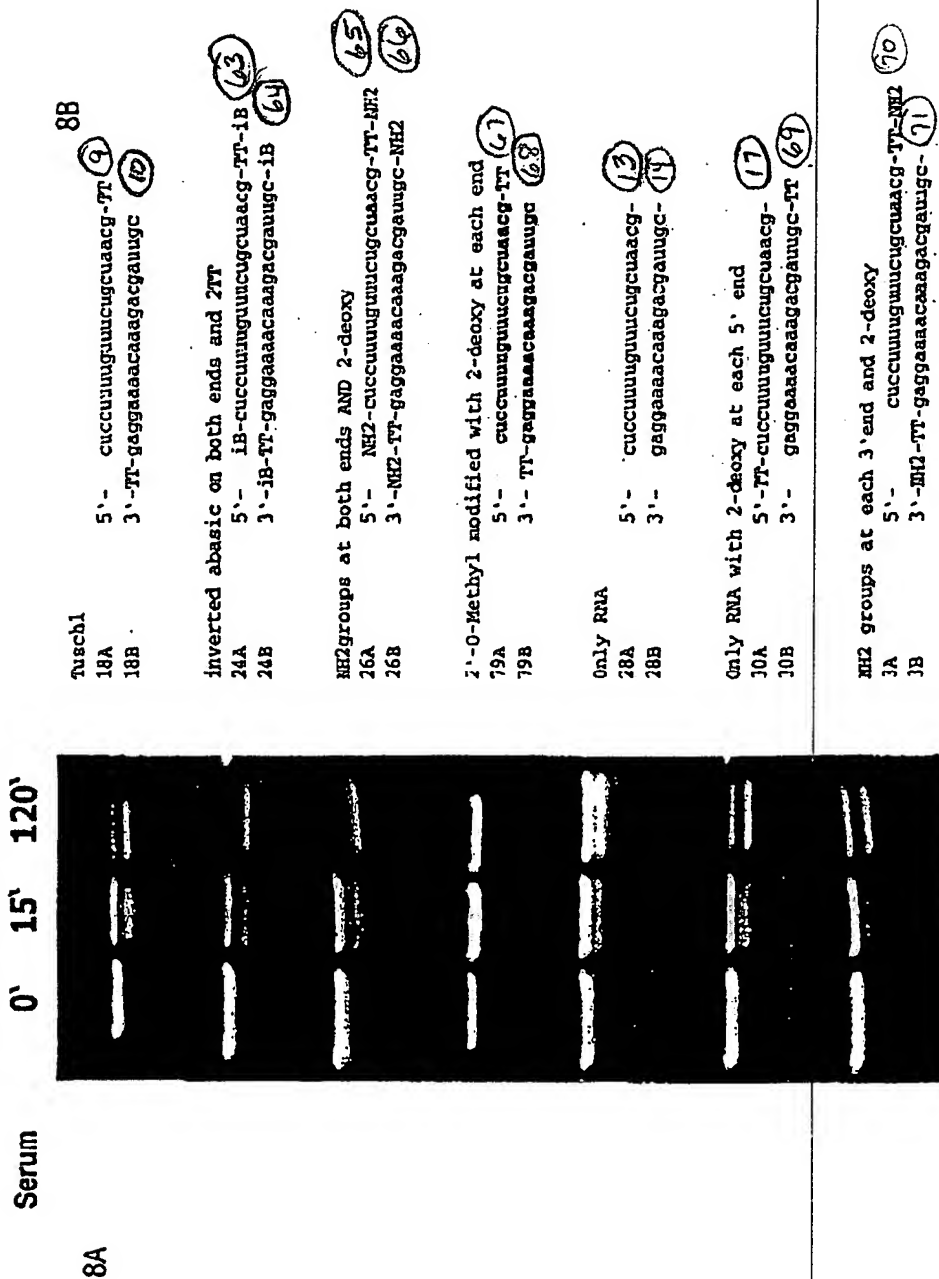


Fig. 7

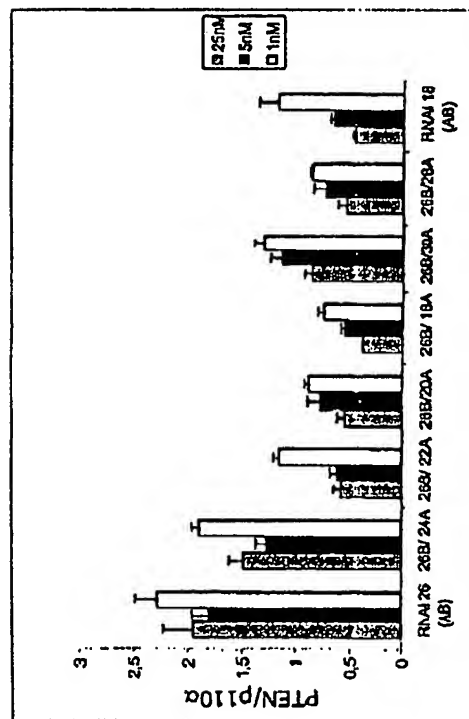
Fig. 8'



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Fig. 9

9A



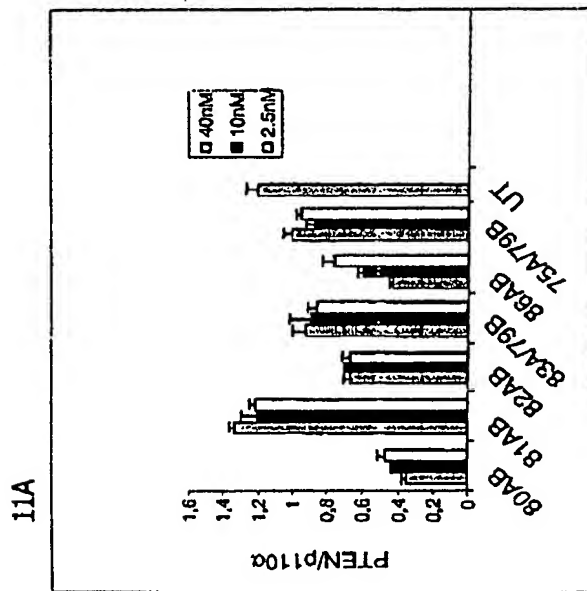
98

26A	5' - NH2 - cuccuuuuuuuuucugcuacg - TT - NH2	72
26B	3' - NH2 - TT - gaggaacacaaagacgaugc - NH2	77
24A	5' - iB - cuccuuuuuuuuucugcuacg - TT - iB	73
26B	3' - NH2 - TT - gaggaacacaaagacgaugc - NH2	77
22A	5' - cuccuuuuuuuuucugcuacg - TT - iB	74
26B	3' - NH2 - TT - gaggaacacaaagacgaugc - NH2	77
20A	5' - cuccuuuuuuuuucugcuacg - TT - NH2	75
26B	3' - NH2 - TT - gaggaacacaaagacgaugc - NH2	77
18A	5' - cuccuuuuuuuuucugcuacg - TT	78
26B	3' - NH2 - TT - gaggaacacaaagacgaugc - NH2	77
30A	5' - TT - cuccuuuuuuuuucugcuacg - 76	77
26B	3' - NH2 - TT - gaggaacacaaagacgaugc - NH2	
28A	5' - cuccuuuuuuuuucugcuacg - 80	
26B	3' - NH2 - TT - gaggaacacaaagacgaugc - NH2	77
18A	5' - cuccuuuuuuuuucugcuacg - TT	78
18B	3' - TT - gaggaacacaaagacgaugc	74

[illegible]

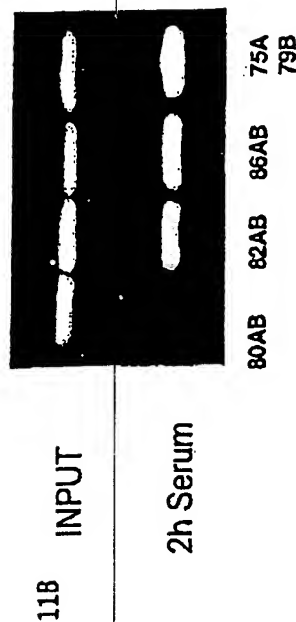
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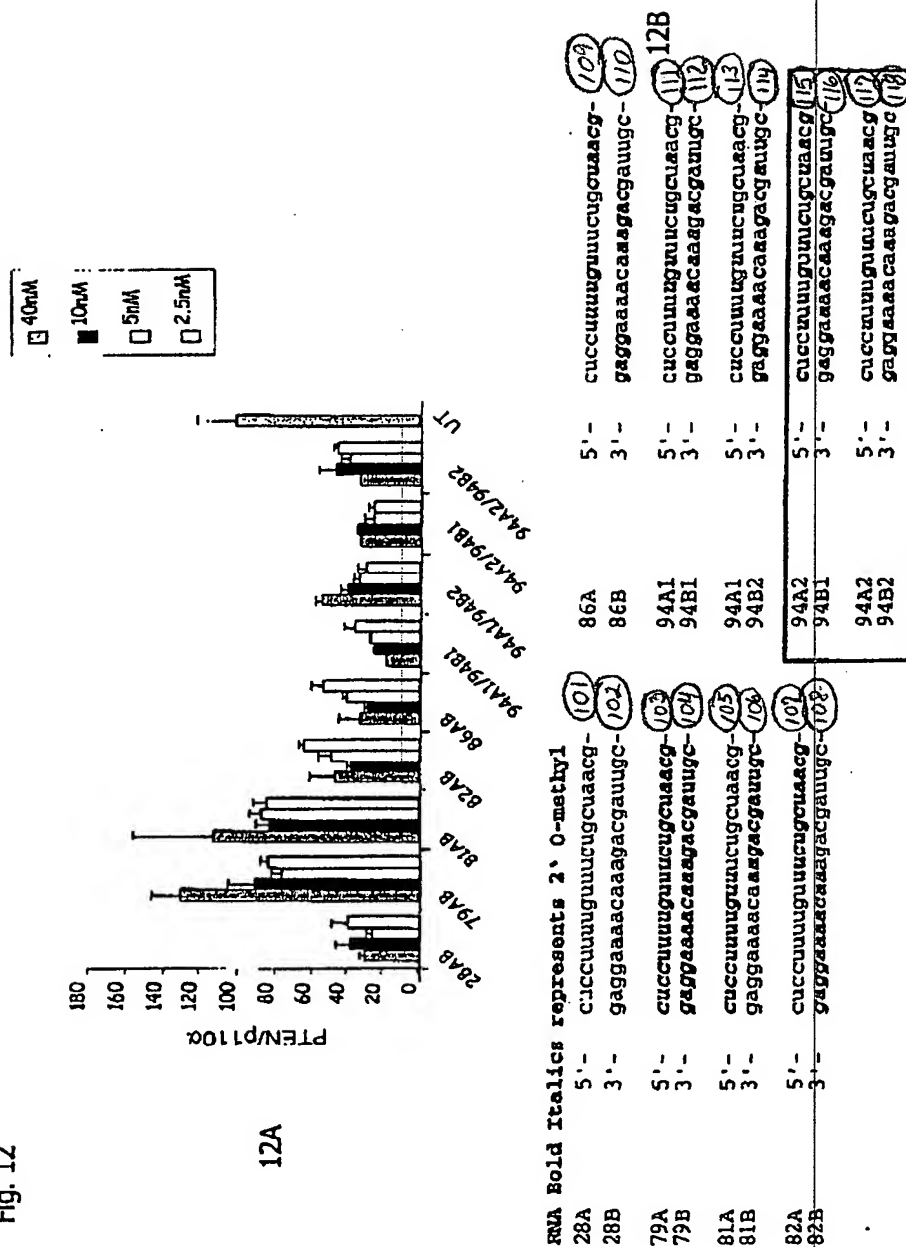
Fig. 11



11C

RNA	Bold Italics	represents 2'-O-methyl
80A	5'-	cuccuuuuuuucugcuacg- ⁽⁹¹⁾
80B	3'-	-gaggaaaacaagacgaungc- ⁽⁹²⁾
81A	5'-	cuccuuuuuuucugcuacg- ⁽⁹³⁾
81B	3'-	-gaggaaaacaagacgaungc- ⁽⁹⁴⁾
82A	5'-	cuccuuuuuuucugcuacg- ⁽⁹⁵⁾
82B	3'-	-gaggaaaacaagacgaungc- ⁽⁹⁶⁾
83A	5'-	cuccuuuuuuucugcuacg- ⁽⁹⁷⁾
79B	3'-	-gaggaaaacaagacgaungc- ⁽⁹⁸⁾
86A	5'-	cuccuuuuuuucugcuacg- ⁽⁹⁹⁾
86B	3'-	-gaggaaaacaagacgaungc- ⁽¹⁰⁰⁾
75A	5'-	cuccuuuuuuucugcuacg- ⁽¹⁰¹⁾
79B	3'-	-gaggaaaacaagacgaungc- ⁽¹⁰²⁾





A

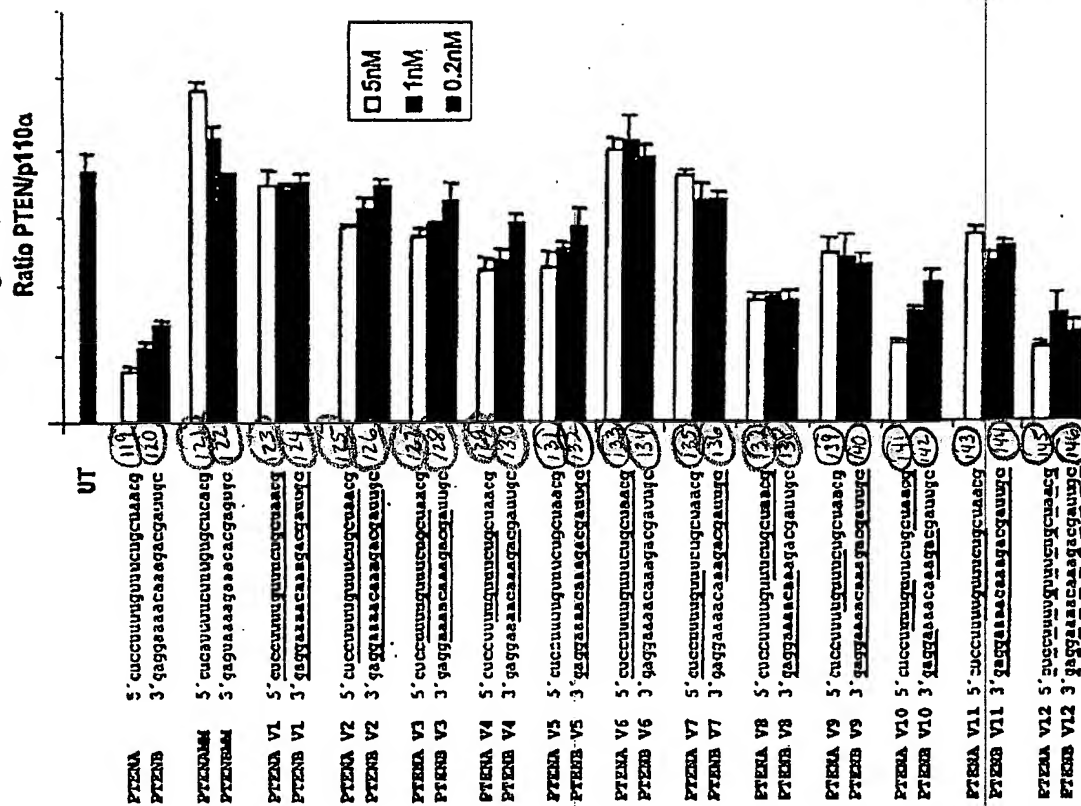
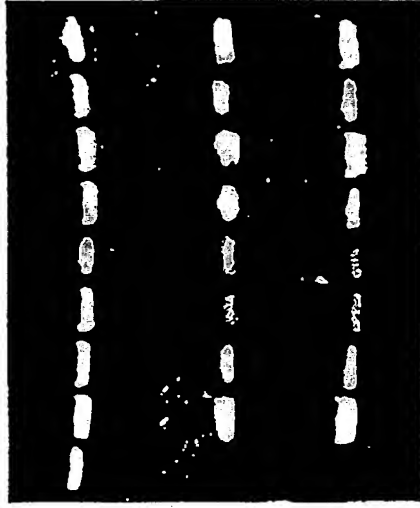


Fig. 15

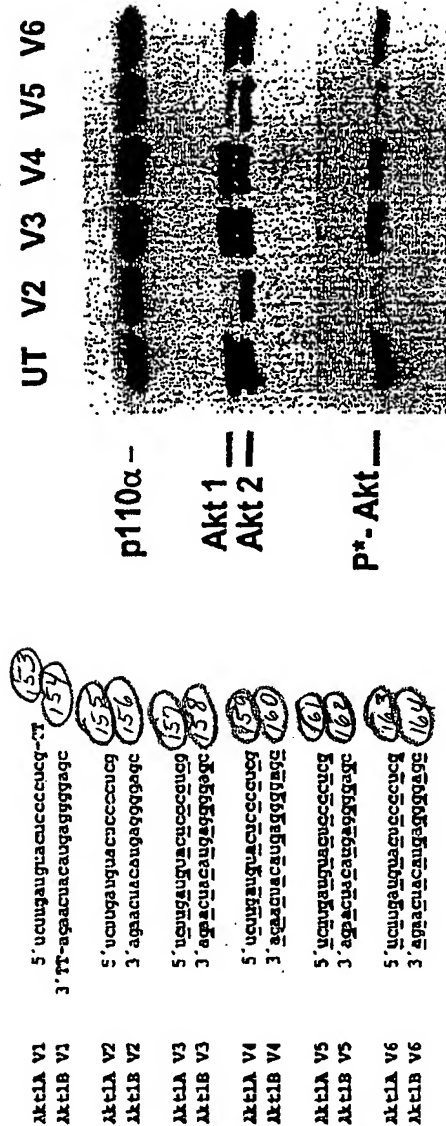


AB V1 V7 V8 V10 V13 V14 V15 V12



1 2 3 4 5 6 7

A



B

V1 V2 V3 V4 V5 V6



Fig. 16

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Fig. 16

Fig.17

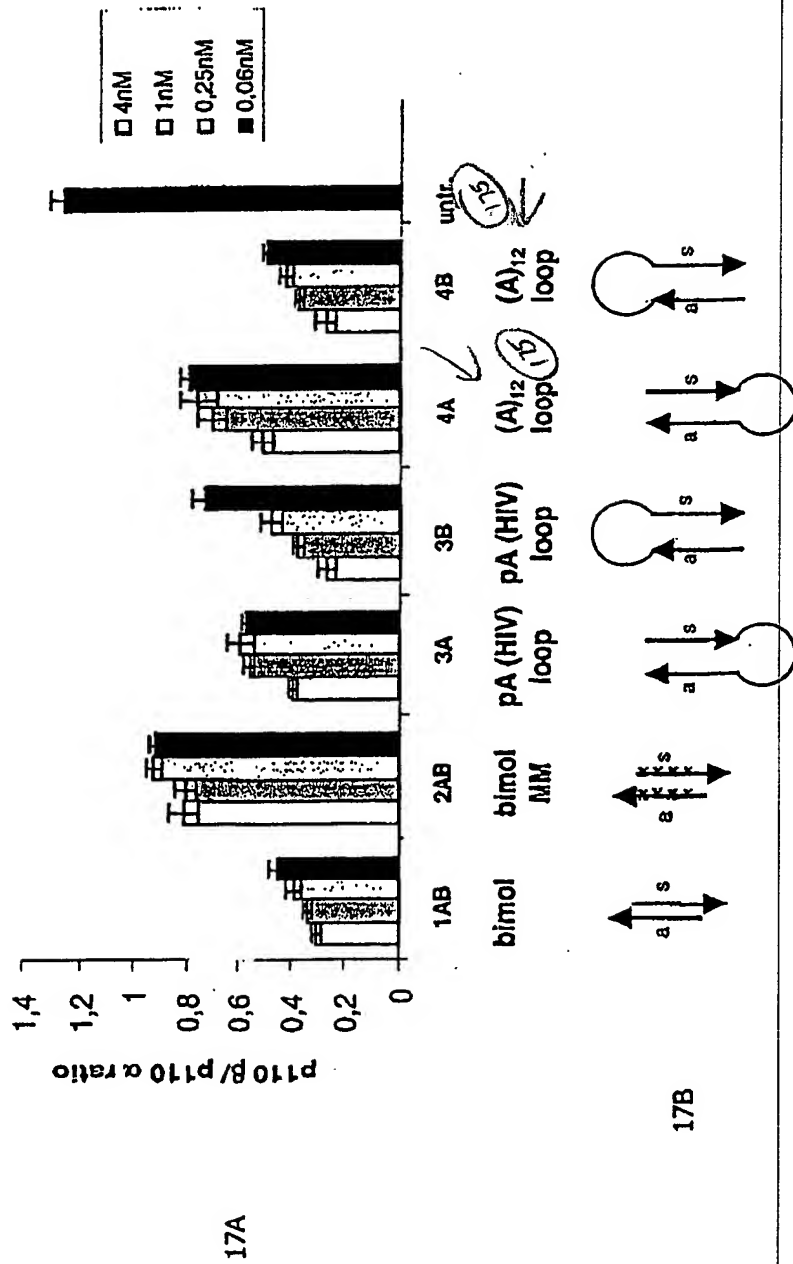
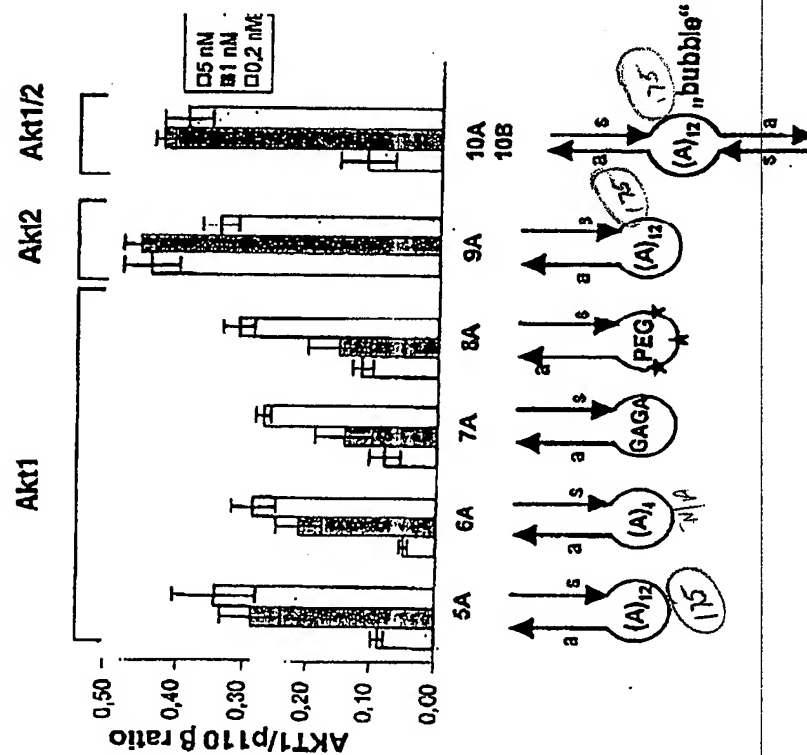


Fig. 18

18A



18B

